

What is claimed is:

1. A white, biaxially oriented, flame-retardant and UV-resistant polyester film comprising at least one layer, wherein at least this layer comprises, based on the weight of this layer, from 2 to 60% by weight of a cycloolefin copolymer (COC), where the glass transition temperature of the COC is within the range from 70 to 270 °C, and wherein the layer comprises at least one UV stabilizer as light stabilizer and a flame retardant, where the flame retardant is fed directly as a masterbatch to the polyester during film production.
2. The polyester film as claimed in claim 1 wherein the UV stabilizer is fed directly as a masterbatch to the polyester during film production.
3. The polyester film as claimed in claim 1, wherein the COC comprises polynorbornene, polydimethyloctahydronaphthalene, polycyclopentene or poly(5-methyl)norbornene.
4. The polyester film as claimed in claim 1, wherein the COC has a glass transition temperature within the range from 90 to 250 °C, wherein the amount of UV stabilizer is within the range from 0.01 to 5.0% by weight, based on the total weight of the layer, and wherein the amount of flame retardant is within the range from 0.5 to 30% by weight, preferably from 1 to 20% by weight, based on the weight of the layer.
5. The polyester film as claimed in claim 1, wherein the cycloolefin copolymer (COC) has a glass transition temperature within the range from 110 to 220 °C, and wherein the UV stabilizer has been selected from 2-hydroxybenzotriazoles or from triazines or from 2-hydroxybenzotriazoles and triazines.

6. The polyester film as claimed in claim 1, wherein the whiteness of the film is above 70%, and wherein the UV stabilizer is 2-(4,6-diphenyl-1,3,5-triazin-2-yl)-5-hexyloxyphenol or 2,2'-methylenebis(6-(2H-benzotriazol-2-yl)-4-(1,1,2,2-tetramethylpropyl)phenol) or 2-(4,6-diphenyl-1,3,5-triazin-2-yl)-5-hexyloxyphenol or 2,2'-methylenebis(6-(2H-benzotriazol-2-yl)-4-(1,1,2,2-tetramethylpropyl)phenol).
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7. The polyester film as claimed in claim 1, wherein the opacity of the film is above 55%, and wherein the film comprises organic phosphorus compounds as flame retardants.
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8. The polyester film as claimed in claim 7, wherein the organic phosphorus compounds are soluble in polyethylene terephthalate.
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9. The polyester film as claimed in claim 1, wherein the gloss of the film is above 80, and wherein the film comprises, as flame retardant, the bisglycol ester of 2-carboxyethyl(methyl)phosphinic acid or of the cyclic anhydride thereof, 2-methyl-2,5-dioxo-1,2-oxophospholane.
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10. The polyester film as claimed in claim 1, wherein the layer comprises from 0.5 to 25% by weight of other vacuole-inducing fillers or white fillers or pigment or vacuole-inducing fillers and white fillers or vacuole-inducing fillers and pigment, in each case based on the weight of the layer.
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11. The polyester film as claimed in claim 1, wherein at least one outer layer has been arranged on the COC-containing layer, and wherein the UV stabilizer and the flame retardant are present in the outer layer(s).
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12. The polyester film as claimed in claim 11, wherein an intermediate layer has been arranged between the COC-containing layer and the outer layer.

13. The polyester film as claimed in claim 1, wherein the film has one layer and is composed of the COC-containing layer.
14. A white, biaxially oriented, flame-retardant, UV-resistant polyester film comprising at least one layer, which comprises, based on the weight of this layer, from 2 to 60% by weight of COC, where the opacity of the film is above 60%, wherein the film also comprises from 0.1 to 5% by weight, of a UV stabilizer as light stabilizer, and also comprises an amount within the range from 1 to 20% by weight of a flame retardant, based in each case on the weight of the layer comprising the UV stabilizer or comprising the flame retardant or comprising the UV stabilizer and the flame retardant.
15. The white, biaxially oriented, flame-retardant, UV-resistant polyester film comprising at least one layer, which comprises, based on the weight of this layer, from 2 to 60% by weight of COC, and the whiteness of which is above 70%, wherein the film also comprises from 0.1 to 5% by weight, of a UV stabilizer as light stabilizer, and also comprises an amount within the range from 1 to 20% by weight of a flame retardant, based in each case on the weight of the layer comprising the UV stabilizer or comprising the flame retardant or comprising the UV stabilizer and the flame retardant.
16. The white, biaxially oriented, flame-retardant, UV-resistant polyester film comprising at least one layer, which comprises, based on the weight of this layer, from 2 to 60% by weight of COC, and the gloss of which is above 80, wherein the film also comprises from 0.1 to 5%, of a UV stabilizer as light stabilizer, and also comprises an amount within the range from 1 to 20% by weight of a flame retardant, based in each case on the weight of the layer comprising the UV stabilizer or comprising the flame retardant or comprising the UV stabilizer and the flame retardant.